

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/03826

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H02M1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H02M H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 598 267 A (NOKIA TECHNOLOGY GMBH) 25 May 1994 (1994-05-25) abstract figure 1 column 4, line 3 - line 8 column 4, line 27 - line 32	1,7,8
Y	DE 28 35 610 A (LICENTIA PATENT-VERWALTUNGS-GMBH) 28 February 1980 (1980-02-28) figures 1,3 page 2, line 1 - line 4 page 4, line 29 -page 6, line 2 page 6, line 22 - line 35	1,7,8
A	DE 34 18 076 A (LOEWE OPTA GMBH) 21 November 1985 (1985-11-21) the whole document	1,7,8
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*G\* document member of the same patent family

Date of the actual completion of the international search

22 August 2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 295 078 A (PAUL C. WILMARTH) 13 October 1981 (1981-10-13) abstract figure 1 column 3, line 30 - line 35 -----	1,7,8
A	US 5 715 130 A (YUTAKA IKEDA) 3 February 1998 (1998-02-03) figure 5 column 1, line 11 - line 47 -----	1,7,8

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 598267	A	25-05-1994	DE 4237634 A1 AT 163826 T DE 59308205 D1 DK 598267 T3 EP 0598267 A2	11-05-1994 15-03-1998 09-04-1998 28-09-1998 25-05-1994
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Form PCT/SA/210 (patent family annex) (July 1992)

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